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Patent and Trademark Office: U.S. Department of Com.

0001/APP  
Rev. 10/95 U.S. Department of Commerce  
Patent and Trademark Office

Application Number 09/869,640

Filing Date 07/02/2001

First Named Inventor Robert C. Penner

Group Art Unit 2857

Examiner Name

### TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of pages in this Submission

4+

Attorney Docket Number 4199-5

### ENCLOSURES (check all that apply)

- ☐ Fee Transmittal Form  
☐ Fee Attached

- ☐ Amendment/Response  
☐ After final

- ☐ Extension of Time Request

- ☐ Express Abandonment Request

- ☒ Information Disclosure Statement/PTO-1449

- ☐ Certified Copy of Priority Document(s)

- ☐ Response to Missing Parts/  
Incomplete Application  
☐ Response to Missing  
Parts Under 37.1.52 or 1.53

- ☐ Assignment Papers  
(for an Application)

- ☐ Drawing(s)

- ☐ Licensing-related Papers

- ☐ Petition Checklist and  
Accompanying Petition

- ☐ To Convert a Provisional  
Application

- ☐ Power of Attorney,  
Revocation, Change of  
Correspondence Address

- ☐ Terminal Disclaimer

- ☐ After Allowance  
Communication To Group

- ☐ Appeal Communication to  
Board Of Appeals and  
Interferences

- ☐ Appeal Communication to  
Group ( Appeal Notice, Brief,  
Reply Brief)

- ☐ Proprietary Information

- ☐ Status Letter

- ☒ Additional Enclosure(s)  
(Please identify below)

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Remarks

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### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Or Individual Name Joseph D. Kuborn  
ANDRUS, SCEALES, STARKE & SAWALL, LLP  
100 East Wisconsin Avenue, Suite 1100, Milwaukee, WI 53202

Signature

Date October 4, 2001

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:

October 4, 2001

Typed or printed name Veronica K. Haupt

Signature

Date October 4, 2001



PA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Of:

ROBERT C. PENNER

Application No. 09/869,640

Filed: 07/02/01

Group Art Unit: 2857

Examiner:

METHODS OF DIGITAL FILTERING  
AND MULTI-DIMENSIONAL DATA  
COMPRESSION USING THE FAREY  
QUADRATURE AND ARITHMETIC,  
FAN, AND MODULAR WAVELETS

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Veronica K. Haupt Date

INFORMATION DISCLOSURE STATEMENT

COMMISSIONER FOR PATENTS

BOX: NO FEE

Washington, D.C. 20231

Sir:

Pursuant to revised Rules 56 and 98, the Applicant would like to make of record the patents and publications listed on the attached PTO Form 1449. These documents may be material to the patentability of the above-captioned invention. Copies of these documents are enclosed.

Since no Office Action has been received on the application, it is believed that no fee is due in connection with this Statement. However, if a fee is due, this is your authorization to charge Deposit Account No. 01.2000 for any such fee.

Respectfully submitted,

ANDRUS, SCEALES, STARKE & SAWALL, LLP

By Joseph D. Kuborn  
Joseph D. Kuborn - Reg. No. 40.689

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Attorney Docket No.: 4199-5

**Group Art Unit  
2857**

[illegible][illegible]

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
		"Universal Constructions in Teichmüller Theory" R.C. Penner, Advances in Mathematics, Vol. 98, No. 2, pp. 143-215, April 1993.
		"The Decorated Teichmüller Space of Punctured Surfaces", R.C. Penner, Communications in Mathematical Physics 113, pp.299-339, 1987.

DATE CONSIDERED

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with client.